

19980825.qrp v01_n194.qrs.980825

Date: Tue, 25 Aug 1998 19:04:08 EDT
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 1194

QRP-L Digest 1194

Topics covered in this issue include:

- 1) [18325] Re: Copying Code.
by nilsbull@juno.com (Nils R Young)
- 2) [18326] VERSA-TENNA for NERDS Contest
by ARDUJENSKI@aol.com
- 3) [18327] Fcc form 159
by ac5ez@webtv.net (Larry B)
- 4) [18328] Fcc form 159
by ac5ez@webtv.net (Larry B)
- 5) [18329] Re: My CQC Contest Adventure (sorta long)
by "Bill Todd" <bill@willapabay.org>
- 6) [18330] Re: NERDS Ideas #2
by "Bill Todd" <bill@willapabay.org>
- 7) [18331] Re: Copying Code.
by KC5TJA <kc5tja@topaz.axisinternet.com>
- 8) [18332] Re: Copying Code.
by Ab7wy@aol.com
- 9) [18333] MFJ 9406 - comments?
by aa5yx@juno.com (John Harper AA5YX/2)
- 10) [18334] WA6HHQ / JE1ZDX air time update
by "Eric Swartz (WA6HHQ), EleCraft - JAPAN" <erics@elecraft.com>
- 11) [18335] Fwd: X
by RangerSF5@aol.com
- 12) [18336] Prime numbers
by Larry Deering <ldeering@idt.net>
- 13) [18337] Re: Copying Code.
by Paul Helbert <phelbert@rica.net>
- 14) [18338] Head Copying - For Fun es Profit
by DENNISMO@aol.com
- 15) [18339] Aluminum Braid
by Gary Montalbine <garymon@gte.net>
- 16) [18340] VCR's and QRP Rigs
by we6w@juno.com (Ed Loranger)
- 17) [18341] Re: Head Copying - For Fun es Profit
by we6w@juno.com (Ed Loranger)
- 18) [18342] A QRP Story!
by Jeff Grudin <grudin@pacific.vdbs.com>
- 19) [18343] Re: MFJ 9406 - comments?

- by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 20) [18344] Filter Scaling
by Tracy@bytemark.com (Tracy)
- 21) [18345] Re: Aluminum Braid
by Monte Stark <ku7y@dri.edu>
- 22) [18346] Apples and Oranges--September QST
by "Robert J. Gobrick" <rgobrick@worldnet.att.net>
- 23) [18347] ERIC/JE1ZDX/WA6HHQ NOW on 20 Meters!
by we6w@juno.com (Ed Loranger)
- 24) [18348] Re: ERIC/JE1ZDX/WA6HHQ NOW on 20 Meters!
by Monte Stark <ku7y@dri.edu>
- 25) [18349] Re: Head Copying - For Fun es Profit
by "Bill Todd" <bill@willapabay.org>
- 26) [18350] Re: ERIC/JE1ZDX/WA6HHQ NOW on 20 Meters!
by "Harvey D. D. Hetland" <n6mm@earthlink.net>
- 27) [18351] W/R added thirty meters
by jdenison@morelr.com (JOEL DENISON)
- 28) [18352] Re: One a prime/other Zombie stuff
by Monte Stark <ku7y@dri.edu>
- 29) [18353] JE1ZDX activity.
by we6w@juno.com (Ed Loranger)
- 30) [18354] JE1ZDX aka Eric WA6HHQ on 20M
by "Wil Claus" <wclaus@msn.com>
- 31) [18355] Index Labs QRP++ HELP
by Allen Randy <Allen_Randy@prc.com>
- 32) [18356] Thanks to all
by Mercxx@aol.com
- 33) [18357] Re: Aluminum Braid
by "elbc" <elbc@pivot.net>
- 34) [18358] Re: VCR's and QRP Rigs
by mikemo@ibm.net
- 35) [18359] PVC Pipe Dimensions - Thanks!
by "Craig LaBarge" <labarge@hotmail.com>
- 36) [18360] BF961, BF244, BF246 data sheets
by "Peter Orban" <peter@peter237.imti.nrc.ca>
- 37) [18361] bnc connectors
by Scott Howell <whowell@hq.nasa.gov>
- 38) [18362] Email address
by "Fishman, Clark" <cfishman@pica.army.mil>
- 39) [18363] Re: BF961, BF244, BF246 data sheets
by Chris Trask <ctrask@primenet.com>
- 40) [18364] MF8CNN?
by TERRY MYERS <kq5u@SWBell.net>
- 41) [18365] MF thru HF general coverage receiver
by "Bryan Turner" <turnerw@email.uah.edu>
- 42) [18366] Re: MF thru HF general coverage receiver
by "Vincent Ferme" <vferme@sprint.ca>
- 43) [18367] Need DC Electronics' phone number and web site

by "Kevin F. Glynn" <kfglynn@prodigy.net>
44) [18368] Administrivia - IMPORTANT
by lujce@Lehigh.EDU
45) [18369] =?iso-8859-1?Q?A_l'attention_des_Fran=E7ais_e_des_Belges?=
by Rogerio Gonzaga <gonzaga@med.up.pt>
46) [18370] WX-concerned East Coasters
by Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
47) [18371] Re: Need DC Electronics' phone number and web site
by Chris Trask <ctrask@primenet.com>
48) [18372] Re: Need DC Electronics' phone number and web site
by Chris Trask <ctrask@primenet.com>
49) [18373] Help - Re Sierra
by Serge Bertuzzo <103226.3635@compuserve.com>
50) [18374] BNC Connectors
by "Ken & Linda Burrough" <ne0c@1st.net>
51) [18375] Ceramic Tuning Tools
by "Gene Hall" <evhall@ix.netcom.com>
52) [18376] Tube Qrp
by "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
53) [18377] MI QRP Club Labor Day Sprint is on Labor Day!
by Hank Kohl K8DD <k8dd@contesting.com>
54) [18378] N4BP CQC Party
by Bob Patten <n4bp@bc.seflin.org>
55) [18379] Contesting QRP Style -- Suggestions?
by Ed Loranger <we6w@qsl.net>
56) [18380] re: MFJ-249 AS A SIGNAL SOURCE
by QLF%mimi@magic.itg.ti.com
57) [18381] re: WX-concerned East Coasters
by "laura halliday" <marsgal42@hotmail.com>
58) [18382] re: MFJ-249 AS A SIGNAL SOURCE
by jeverhar@cse.l-3com.com
59) [18383] 50 mhz transistors
by Roger Braker <msebrakr@telepath.com>
60) [18384] Now This Is Funny!
by Chris Trask <ctrask@primenet.com>
61) [18385] Re: Contesting QRP Style -- Suggestions?
by Tom Cooper <cooper@gmpvt.com>
62) [18386] RE: MFJ 9406 - comments?
by Chris Cieslak <ccieslak@LAW.UIUC.EDU>
63) [18387] Re: Administrivia - IMPORTANT
by nhoop@centuryinter.net (N H)
64) [18388] BUBBA Sprint: NQ7RP Fox Hunt
by Joe Gervais <vole@primenet.com>
65) [18389] BUBBA Sprint: Everyone's a BUBBA!
by Joe Gervais <vole@primenet.com>
66) [18390] Re: Copying Code.
by Dick Schneider <rschneid@ix.netcom.com>
67) [18391] "That's 30"

by Dick Schneider <rschneid@ix.netcom.com>
68) [18392] XTALS WANTED!!
by "Hulbert, Nick" <nick.hulbert@lmco.com>
69) [18393] Re: Yet another box for QRP projects
by Stephen John Farthing <stephen@stevef.demon.co.uk>
70) [18394] European NORCAL Rep not on internet until 14 Sept.
by Stephen John Farthing <stephen@stevef.demon.co.uk>
71) [18395] Re: Copying Code.
by Ed Loranger <we6w@qsl.net>
72) [18396] We'll See You on The Top of the World!
by "Russ Carpenter" <russ@natworld.com>
73) [18397] Re: Copying Code.
by Ronald Hands <rhands@hwcen.org>
74) [18398] Re: Infrared Key
by "Randy Jouett" <nop@swbell.net>
75) [18399] Re: Copying Code.
by Bruce Muscolino <w6toy@erols.com>
76) [18400] Fcc forms
by ac5ez@webtv.net (Larry B)
77) [18401] RE The XX.s
by RangerSF5@aol.com
78) [18402] Re 20 Meters
by RangerSF5@aol.com
79) [18403] Tick keyer into SST
by Allan Taylor K7GT <k7gt@qsl.net>

Date: Mon, 24 Aug 1998 18:14:31 -0500
From: nilsbull@juno.com (Nils R Young)
To: kc5tja@topaz.axisinternet.com
Cc: qrp-l@Lehigh.EDU
Subject: [18325] Re: Copying Code.
Message-ID: <19980824.181437.9238.1.nilsbull@juno.com>

Yo! Fishnoses!

1. I have learned from a true paragon of civility how to be insulting. So I'm trying out a new persona. (Actually, I'm doing what we do around here: Cindy wants me for something. She'll shout "Yo! Bug lips!" I respond: "Yeah, rat breath!" We're so tenderly loving, it makes the neighbors cry. They think we should be in the Titanic sequel.)

2. Stuttering on CW. Funny you should ask. One of the guys at work -- when I told him of my past week's radio fun -- said "What about stuttering?" Well, now I have an answer for his bean-headed question. Stupid bean-heads.

3. "Like calm down, Beavis!"

4. Four

73. Seventy-three.

Nils

. . . which is not a prime number, but is equal to two each of nil . . .

. . . who sez I ain't got a sense o humah? c'mon, tell me, you twewp oa
ah'll bust youz in da chops!

. . . but you already told me it's not my concern!

Nils R. Bull Young

La Estancia de los Guajolotes Sonrientes :: The Grinnin' Turkey Ranch

WB8IJN &c :: The Tagalong Press :: email to: nilsbull@juno.com

<http://www.geocities.com/Athens/Olympus/9172>

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Date: Mon, 24 Aug 1998 19:19:53 EDT

From: ARDUJENSKI@aol.com

To: qrp-l@Lehigh.EDU, bill@willapabay.org, nwq-l@scn.org

Subject: [18326] VERSA-TENNA for NERDS Contest

Message-ID: <61f33096.35e1f51a@aol.com>

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

BILL,

I have decided on using the VERSA-ANTENNA described in the NWQRP newsletter a few issues back. Brief description: It is composed of 100ft ow #18 speaker wire. Split it into two wires. Make 20 plastic 4 inch spreaders and the top spreader. The idea is that you can make a whole variety on dipoles/doublets/vees etc. out of this. Make the radiating elements as long as you want and just adjust the spreaders on the remaining line which will act as feed line. NO CUTTING OR SOLDERING NEEDED. This is so slick it really should be called SLICK WILLEY. If you need more info just send me a note. Super field antenna!

Alan KB7MBI

Date: Mon, 24 Aug 1998 18:29:37 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [18327] Fcc form 159
Message-ID: <23984-35E1F761-9@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Would any one have a spare fcc form 159 that could send me? I dont
have print out or fax capability here. Be glad to reimburse stamp etc.

Date: Mon, 24 Aug 1998 18:32:14 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-1@Lehigh.EDU
Subject: [18328] Fcc form 159
Message-ID: <23975-35E1F7FE-100@mailtod-122.bryant.webtv.net>
Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Would any one have a spare fcc form 159.? No down load or fax capability
here. Glad ro reimburse stamps etc. Thanks Ac5ez
4025 Morgan drive
Mesquite Texas 75150

Date: Mon, 24 Aug 1998 16:51:49 -0700
From: "Bill Todd" <bill@willapabay.org>
To: "Gary L Surrency" <gsurrency@juno.com>
Cc: <qrp-1@lehigh.edu>
Subject: [18329] Re: My CQC Contest Adventure (sorta long)
Message-ID: <003c01bdcfbb\$dc1c0620\$1e4ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>the regulars had worked all the other regulars, but I did snag Jim in =
>Alaska (AL7FS) and Gary in Utah (AB7MY) for two new Sections. =20
><<<<<<<<<
>
>
>Actually I'm in AZ (an Arizona ScQRPion, to be precise).
>
>But it was fun to work you, and to read about your trials with Bondo. :-)
>
>72,

Hi Gary -

You're correct of course (hi). The guy in Utah was K07X, but he was one line above your entry in the log. Need new glasses!

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Mon, 24 Aug 1998 17:14:26 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <rhands@hwcn.org>
Cc: <qrp-l@Lehigh.EDU>
Subject: [18330] Re: NERDS Ideas #2
Message-ID: <005401bdcfbd\$53276060\$1e4ffbce@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Bill:
> If you could turn off the HTML in your mailer program, it would
>probably help to prevent the rest of us from needing new glasses! <g>
> (It comes out pretty tiny on my screen.)
>
>-- Ron VE3SP

Hi Ron (and the QRP-L)-

I believe that I have removed the HTML formatting from my messages, so if anyone still sees them, please let me know.

Thanks, Bill- N7MFB
>
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Mon, 24 Aug 1998 17:10:04 -0700 (PDT)
From: KC5TJA <kc5tja@topaz.axisinternet.com>
To: Nils R Young <nilsbull@juno.com>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18331] Re: Copying Code.
Message-ID: <Pine.LNX.3.96.980824170916.24803A-100000@topaz.axisinternet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Mon, 24 Aug 1998, Nils R Young wrote:

> Yo! Fishnoses!

I'm sorry, but this message makes no sense to me. :(

=====
KC5TJA/6 | -| TEAM DOLPHIN |-
DM13 | Samuel A. Falvo II
QRP-L #1447 | <http://www.dolphin.openprojects.net>
Oceanside, CA |.....

Date: Mon, 24 Aug 1998 20:24:31 EDT
From: Ab7wy@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18332] Re: Copying Code.
Message-ID: <55d5cc91.35e20441@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

In a message dated 98-08-24 15:45:23 EDT, you write:

<< Code is cool. Head copy is neat. I hope some of ya new
> guys find this post motivating enough to toss the pencil. >>

yes, toss those pens and pencils!! they just hold you back from increasing your speed...trust me when i say head copy is MUCH faster and more efficient. how fast can you write?? do you write every letter when someone is talking to you?...it would take forever! give it a good try...its lots of fun and is a real confidence builder when you actually stop writing some of the stuff you are copying. i also understand that it doesnt happen overnight...ive been doing it for years and i still have to jot down some stuff so i dont forget it, hihi. but just be patient, and most importantly....have fun!

good luck, youll see when your code speed increases dramatically.

: -) 73.....Adam, AB7WY

Date: Mon, 24 Aug 1998 20:49:51 -0400
From: aa5yx@juno.com (John Harper AA5YX/2)
To: qrp-l@Lehigh.EDU
Subject: [18333] MFJ 9406 - comments?
Message-ID: <19980824.204952.6462.0.aa5yx@juno.com>

I would appreciate hearing any user reports/opinions from anyone who's used this 6-meter SSB rig. Thanks,

John Harper AA5YX/2 (ex: KA5BBL, KI5OW, VQ9BL)
TenTec Century 21, HW-9, NorCal 40A, OHR-100A/20m
<http://home.att.net/~j..harper>

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Date: Mon, 24 Aug 1998 18:17:00 -0700
From: "Eric Swartz (WA6HHQ), EleCraft - JAPAN" <erics@elecraft.com>
To: qrp-l@Lehigh.EDU
Cc: n6kr@elecraft.com
Subject: [18334] WA6HHQ / JE1ZDX air time update
Message-ID: <35E2108C.267D@elecraft.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

Hi,

We're running a little late this morning. Its 10am here, 0100z. It should take us 2-3 hours to get to the mountain, so my on air time will most likeley start sometime around 0300 - 0400z. I'll try to stay on the air until at least 0900z.

The USA AM times tomorrow for 40M will be the same as my last posting.

See you on the air!

Eric WA6HHQ / JE1ZDX

Date: Mon, 24 Aug 1998 21:23:14 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18335] Fwd: X
Message-ID: <4439ba8f.35e21204@aol.com>
Mime-Version: 1.0
Content-type: multipart/mixed;
boundary="part0_904008195_boundary"

This is a multi-part message in MIME format.

--part0_904008195_boundary
Content-ID: <0_904008195@inet_out.mail.aol.com.1>
Content-type: text/plain; charset=US-ASCII

Ho Hum
I see N4S0 has nothing better to do then tell me that that the X in the subject bar bothers him
FYI,
When you subscribe to the list,you need to put something in the title bar.
So,
I put an *X* there.
If this really bugs you then tell your mommy that you have a problem.
Forgot to take your meds again huh?
Bob
WA2HOQ

--part0_904008195_boundary
Content-ID: <0_904008195@inet_out.mail.aol.com.2>

Content-type: message/rfc822
Content-transfer-encoding: 7bit
Content-disposition: inline

Return-Path: <n4so@juno.com>

Received: from rly-zb05.mx.aol.com (rly-zb05.mail.aol.com [172.31.41.5]) by
air-zb03.mail.aol.com (v49.4) with SMTP; Mon, 24 Aug 1998 20:47:35
2000

Received: from x4.boston.juno.com (x4.boston.juno.com [205.231.101.22])
by rly-zb05.mx.aol.com (8.8.8/8.8.5/AOL-4.0.0)
with ESMTP id UAA28869 for <RangerSF5@aol.com>;
Mon, 24 Aug 1998 20:47:28 -0400 (EDT)

Received: (from n4so@juno.com)
by x4.boston.juno.com (queuemail) id DMF6CMCB; Mon, 24 Aug 1998 20:46:24 EDT

To: RangerSF5@aol.com

Subject: Re: X

Message-ID: <19980825.003903.4831.6.n4so@juno.com>

References: <dc2746fa.35da3695@aol.com>

X-Mailer: Juno 1.49

X-Juno-Line-Breaks: 0-1

From: n4so@juno.com (charles k brown)

Date: Mon, 24 Aug 1998 20:46:24 EDT

Mime-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Content-transfer-encoding: 7bit

SEND THIS TO THE LIST SERVER
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--part0_904008195_boundary--

Date: Mon, 24 Aug 1998 22:09:13 -0400
From: Larry Deering <ldeering@idt.net>
To: qrp-1@Lehigh.EDU
Subject: [18336] Prime numbers
Message-ID: <35E21CC9.EE77F186@idt.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

If anyone is interested, I wrote what may be the fastest sieve program (for a PC) available, and a detailed description. Look on my home page <http://www.qsl.net/w2gl/>

72 es GL,
Larry w2gl

Date: Mon, 24 Aug 1998 23:04:57 -0400
From: Paul Helbert <phelbert@rica.net>
To: kc5tja@topaz.axisinternet.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18337] Re: Copying Code.
Message-ID: <35E229D9.3172E29C@rica.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

> I'm sorry, but this message makes no sense to me. :(

Try following the URL given in Nil's post:
(<http://www.geocities.com/Athens/Olympus/9172>)

Even though I'd read much of it in previous editions, this got me sidetracked for half an hour. Nils is as deep as he is broad.

72,

Paul, Wv3j

Date: Mon, 24 Aug 1998 23:30:35 EDT
From: DENNISMO@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18338] Head Copying - For Fun es Profit
Message-ID: <2ca9f033.35e22fdc@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang..

Well, as Ed WE6W knows, I have asked him on two separate occasions how he learned to head copy. Being the old phart that I'm getting to be I had a

"Senior Moment" - I forgot I had asked him the first time and being the gentleman that he is, Ed answered my question again with added info. Thanks Ed.

Now to the real reason for this posting: My biggest obstacle to head copy is lazy buttitis. Funny how one end can keep the other end from doing what you want it to do. Well, today I had a rude awakening. I have been helping out a few of the guys on the FISTS Slo-Chat on 21.158 with CW practice by QSOing with them. That has been good practice for them. Tonight I had a QSO with Chris KF4RRM and he has improved to my speed. Yeooooohooo... Now I have to get on the stick and get going with my own practice. I'm trying to copy W1AW fast code practice and bulletins without pen or pencil. I hope the bulletins aren't very important cause I'm only getting words like 'the' and 'is' and so on. I guess (hope) it is coming along.

The bottom line Ed, yes you have INSPIRED me, twice!... And tonite my QSO with Chris has MOTIVATED me. The two ingredients I needed to get going. Thanks to you and all of you who actually think that I can really learn how to pull off this magic trick called Head Copying!

God Bless ya all....

72 de Denny AD6EZ<><

Date: Mon, 24 Aug 1998 23:27:44 -0400
From: Gary Montalbine <garymon@gte.net>
To: "qrp-l@lehigh.edu" <qrp-l@lehigh.edu>
Subject: [18339] Aluminum Braid
Message-ID: <35E22F2F.C08F173E@gte.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi all,

I have lots of RG59 with aluminum braid. I have found that it is virtually impossible to solder the braid. The only solution I have come up with is to put the braid in one end of a crimp connector and a copper wire in the other end and, after crimping, load it up with solder. Does anyone have any other solution?

73
Gary, WA4SZI

Date: Mon, 24 Aug 1998 23:50:33 EDT
From: we6w@juno.com (Ed Loranger)
To: qrp-1@Lehigh.EDU
Subject: [18340] VCR's and QRP Rigs
Message-ID: <19980824.204826.5015.2.we6w@juno.com>

Geesh! For \$89.00 you can get a marvelous and complex piece of equipment. It is truly amazing what consumer demands have done to improve not only the quality of VCR's, but also improved quality while increasing their complexity at the same time.

Imagine what a QRP rig should be able to do, and at what price if such a consumer driven market existed!

I'm having trouble deciding on the \$5.00 model or the \$7.00 that comes with the removable base unit that slides out of the docking charger.

As a ham radio operator, I sure would love the following scenario:

Xyl: "Hon, grab the portable QRP rig, we're heading to the park and it will keep the kids busy when they're not on the swings."

At the Local Mall:

The xyl says: "I think you should go for the full-featured rig, you know how those bells and whistles come into play during the Field day expeditions!"

"Hey, look at this one, it automatically cleans the contacts on your bug or paddle every time you turn it on!" "Code-pal tracking filter -- 100 Hz, damped wave filter system, cryo-cooled RX front end and quad-rophonic CW mixer with optical output jack for peripherals!"

Salesperson: "Excuse me sir, I couldn't help but notice you eyeing the Code-King 3000!" Excellent choice, My brother in-law got one of those for his XYL so she wouldn't keep borrowing his!"..... Yup, it's one of the older units that runs on the 3 Volt system. But we still stock the old earphone batteries that drive the inverter!

Of course you'll need two batteries in parallel to go QRO above 5 Watts." Of course the latest model costs 3 times as much at \$15.00, but you save on batteries due to the built in ESD collection charge pump.....". "Special today, we'll throw in the fanny pack for those little family hikes, like Bubba Sprint this Sunday..."

"Would you like to see our large display of New, used and classic keys?"

RrrrrrrrringGG!!!

No! This is one time the alarm clock loses. I'm having the best dream ever.

Some day folks, some day.... Until then, we'll contribute to the splendor of QRP by getting on the air.

I, for one, think it's dreamy.

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Tue, 25 Aug 1998 00:08:35 EDT
From: we6w@juno.com (Ed Loranger)
To: DENNISMO@aol.com
Cc: qrp-1@Lehigh.EDU
Subject: [18341] Re: Head Copying - For Fun es Profit
Message-ID: <19980824.210313.5015.3.we6w@juno.com>

All Right Denny! Way to go guy. I've always said that self-motivation is the only motivation. It is wonderful you've helped the crew on Fifteen slo-chat. Well done. I'm glad I have helped you too. Thanks for the pats.

Also, I enjoyed reading your inspirational post and I wish you continued success in all endeavors.

All my best wishes,
Ed
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

You don't need to buy Internet access to use free Internet e-mail.
Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 24 Aug 1998 21:23:34 -0700
From: Jeff Grudin <grudin@pacific.vdbs.com>
To: QRP-L <qrp-l@Lehigh.EDU>
Subject: [18342] A QRP Story!
Message-ID: <35E23C46.629A01A6@vdbs.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Guys and Gals,

Wow! I just got an email tonight from a friend with a great QRP story. I completed the SW40+ that I had made for the elmer class. I really didn't need it and a friend that I have been trying to get into QRP wanted it. So I got him set up with the rig and a lightweight dipole and some whiterook paddles. He set off into the Sierra's on a backpacking trip and ran into another backpacker in need. Here is his story sent as a reply to the relay station he contacted for help.

"I was backpacking with my wife and we met Richard 13 miles in from the Crabtree Trailhead at Buck Lake in the Emigrant Wilderness. The night I contacted you we were on our way back out and were camped at Piute Creek, about 3.5 miles from the trailhead. (Emigrant is basically the Northern extension of Yosemite) The pack in seemed much farther than 13 miles as we had to make three steep ascents to get there: altitude around 8500 ft. at the highest point. Richard asked us when we were leaving and when we told him Saturday he said "Darn, that's too late." We asked why and he told us he needed to get a message out to his friend who was meeting up with him the coming weekend. I told him I was an amateur radio operator and had a radio with me that I thought might be able to do the job. He was amazed. Well, the rest is history: you know the story. Thanks so much for hanging in with me to get the message correct. I was using dinky plastic paddles which I was not used to so my sending wasn't so great. But in any event we persevered and the message got through! While this

wasn't truly an emergency, still it was very helpful and made Richard's (and his horse's) life in the woods a lot more comfortable. Without the stove adapter he was having to build a fire every time he needed something cooked or heated. The extra hay meant that he wouldn't have to ration the horse's feed."

QRP comes through again! I bet Richard will have some good feelings for amateur radio in the days to come.

--

73 de AC6KW <mailto:grudin@vdbs.com>
Jeff Grudin, DVM Web Add: <http://www.vdbs.com/~grudin>
Ocean Animal Clinic / Cat Clinic of Santa Cruz - Santa Cruz, California
Norcal QRP #1292 QRP-L #16 ARS #351 AR Qrp #131

Date: Sun, 23 Aug 1998 23:30:13 -0500
From: "Steve Yates, AA5TB" <aa5tb@swbell.net>
To: aa5yx@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18343] Re: MFJ 9406 - comments?
Message-ID: <35E0EC55.13020CEF@swbell.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

John,
I've had one since early June and have had a ball with it. It has a hot receiver, good audio punch on transmit (I don't have the CW adapter yet), and it has little frequency drift. It's a great rig for the price class. If I had to come up with some complaints they would be that it is somewhat difficult to determine your frequency, especially when you're looking for the calling frequencies and the SO-239 connector for the antenna on mine is of cheap quality and my PL-259s won't screw onto it very easily. This rig is a good candidate for a 25 KHz calibrator. Overall, it is a good, solid little rig and I've worked a lot of stations with it just using a portable dipole antenna strung between the trees.

John Harper AA5YX/2 wrote:

>

> I would appreciate hearing any user reports/opinions from anyone who's
> used this 6-meter SSB rig. Thanks,

Steve Yates
AA5TB
aa5tb@swbell.net

http://home.swbell.net/aa5tb/
Fort Worth, Texas

Date: Tue, 25 Aug 1998 00:46:16 -0400
From: Tracy@bytemark.com (Tracy)
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [18344] Filter Scaling
Message-ID: <000301bdcfe3\$4b360840\$24751ad1@titan>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

OK, to all of you who scolded me on the filter scaling and the ARRL handbook tables, I must confess to having been a bit hard-headed ...;)

After enough of you noted that all one has to do is divide the values on the filter table by the same amount he multiplies the frequency by to get the filter values for the higher frequency. Duh. Ok, so now I have it!

Thanks guys!
Tracy N4LGH
QRP-L #1453

Date: Mon, 24 Aug 1998 21:50:05 -0700 (PDT)
From: Monte Stark <ku7y@dri.edu>
To: Gary Montalbine <garymon@gte.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18345] Re: Aluminum Braid
Message-ID: <Pine.SOL.3.96.980824214929.1301C-1000000@vortex>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Gary,

At QRP levels you can just switch over to F connectors.
They work fine!

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

Date: Tue, 25 Aug 1998 00:02:28 -0500
From: "Robert J. Gobrick" <rgobrick@worldnet.att.net>
To: qrp-l@Lehigh.EDU
Cc: "Wes Hayward <w7zoi@mail.teleport.com>; \"Tracy, Michael, KC1SX\" <mtracy@arrl.org>
Subject: [18346] Apples and Oranges--September QST
Message-ID: <3.0.32.19980824232401.00c8ec18@postoffice.worldnet.att.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

QRP-L Gang,

I really enjoyed the thoughts aired by Wes Hayward W7ZOI and the reply by Michael Tracy KC1SX of ARRL Labs. Additionally Mike Czuhajewski WA8MCQ and Paul Harden NA5N added some additional info on transceiver testing that was a "keeper". Good QRP-L Digest Day!

I would like to give some credit to ARRL Labs. They are moving in the right direction, in terms of better technical reviews of QRP rigs, with the Sept 98 QST review of the Ten Tec 1340. Although this is a review of a QRP rig by a well established (and well advertized in QST) company the ARRL Labs have come a long way from their first crack at QRP transceiver reviews aired in the June 1996 QST (geeze that many years ago..) "Low-Power Transceiver Kits You Can Build". I'm sure there are many of us that would like to see these more technical reviews of our favorite QRP rigs (although the pay-for-view ARRL Labs Expanded Product Review Report is not needed). As far as I know, the ARRL is the only North American ham publication that highlights the technical review. We should encourage more of the same.

QRP Transceiver Kit reviews pose a special problem for QST reviewers as you can imagine - first the review requires some discussion on how the kit goes together as well as how it "runs" for it's intended application (small portable use/ contest QRPing, performance etc). Some of the best big ham magazine reviewers for this format that I've seen are Richard Fisher nu6SN of Worldradio and Dave Ingram K4TWJ of CQ. Even though these guys do good reviews they typically do not run any ARRL Lab type tests on the rigs.

QRP Transceiver technical reviews are going to become more important as QRPers move beyond the NE-602 derived rigs. Some of the new QRP kit rigs hitting the market like the Oak Hills Research OHR-500 five band CW rig, and multi mode QRP rigs like the Elecraft K2 and S&S Engineering M1 will

raise the performance level of what we expect from QRP rigs. These rigs will have static ring mixer front ends buffered by tuned front ends and possibly preamps. The multimodes will also be using synthesized vfos and microprocessor control. So, we as consumers, will be looking for some "numbers" to see how the designs perform.

Where do we get those "numbers"? Well that is the question. Although we have a good number of great QRP Club newsletters, like the QRP ARCI QRP Quarterly, NorCal QRPP, Colorado QRP Low Down, Michigan QRP The Five Watter and others (QRP-L), we typically don't see reviews by folks who have the test equipment that the ARRL Lab has. Paul Harden NA5N is one of the folks who has some access to lab quality test equipment and he was one of the first QRP reviewers that actually ran some measurements on many of our popular QRP rigs. Maybe as more folks build their own spectrum analyzers like Wes describes in the Aug/Sept 98 QSTs and more folks pick up some of the techniques that Mike WA8MCQ and Paul NA5N mentioned on the QRP-L we will start seeing some technical analysis of our rigs.

Bottom line - we should encourage ARRL Labs to keep improving their QRP rig reviews and they should treat these reviews just the same as the more popular manufacturer reviews. I really believe that this is going to be a "new" growth area for ham community as more folks see the fun in building their own high performance qrp transceiver kits.

Cheers 73/72 Bob N0EB

PS: I'd also suggest that QRP rig reviewers follow the CQ magazine format of mentioning the circuit description of the rig being reviewed. There was a time that I really disliked CQ's way of "lifting" the few pages out of the Icom/Kenwood/Yaesu manuals that talked about the circuits. But with QRP rigs, it really helps the reader know what the design is. This was really brought home when I referred to that June 96 QST issue mentioned earlier. With rigs like the Hands GQ-40, Oak Hills Research OHR-400, A&A Gary Breed rig, S&S Tac-1, SWL Green Mountain and Wilderness Radio NC-40 and Sierra it really was an apples and orange "shoot out".

Bob Gobrick - Stillwater, MN
Internet: rgobrick@att.net

Date: Tue, 25 Aug 1998 01:05:46 EDT
From: we6w@juno.com (Ed Loranger)
To: qrp-l@Lehigh.EDU
Subject: [18347] ERIC/JE1ZDX/WA6HHQ NOW on 20 Meters!

Message-ID: <19980824.220021.5015.5.we6w@juno.com>

GAngue, I did it. Number 1 to work Eric over seas on 14.060 MHz. Just 500 Hz above Alan/KB7MBI's qso on 14.059.5 or so!!!

Eric is running the K2 at 5 Watts and I used my Drake TR-3 at 5 Watts to my 40 Meter Dipole up 30 feet fed with 300 Ohm line from the Heathkit QRP Tuner Balanced output.

Initially I gave him 119! That's right, we had severe QSB but both of us have the good ears from lots of Fox hunting :) :)

QSB lifted for a sec and we got 339/449 exchanges before finishing at 559 both ways!

He's there, go get him!
72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
Enjoying Ham Radio every day! Santa Rosa, CA.

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Get completely free e-mail from Juno at <http://www.juno.com>
Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 24 Aug 1998 22:48:23 -0700
From: Monte Stark <ku7y@dri.edu>
To: we6w@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18348] Re: ERIC/JE1ZDX/WA6HHQ NOW on 20 Meters!
Message-ID: <35E25027.AF3BF343@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Hi Ed and All,

I worked Eric after seeing Ed's post! I had given up and come back into the house. Then Ed posted that he had worked them so back out to the shack and there he was.

Good solid sig, 559 here into Nevada.

14060 at 0545z.

He was still calling CQ when I came back into the house.

Wheeeee! Always fun to work a friend when they are some place far away!

cul,

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829----NorCal #330----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Mon, 24 Aug 1998 22:52:13 -0700
From: "Bill Todd" <bill@willapabay.org>
To: <DENNISMO@aol.com>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18349] Re: Head Copying - For Fun es Profit
Message-ID: <001201bdcfec\$83a1ea60\$305233d1@default>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hello -

My "cure" for copying code in your head is to install a receiver in your CAR. That's right. Don't worry about sending code and driving at the same time, just listen to code as you drive.
If you are a safe driver, you won't try to drive and write down what you copy at the same time (hi). It worked for me!

CUL, Bill-N7MFB
<http://www.willapabay.org/~bill>
ICQ me @ 8926298

Date: Tue, 25 Aug 1998 05:56:59 -0700
From: "Harvey D. D. Hetland" <n6mm@earthlink.net>
To: qrp-l@Lehigh.EDU
Subject: [18350] Re: ERIC/JE1ZDX/WA6HHQ NOW on 20 Meters!

Message-ID: <35E2B49B.2E79@earthlink.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

As Ed, WE6W, indicated Eric (WA6HHQ) is operating as JE1ZDX is on 14.060 calling CQ QRP. He is running the K2 with an internal portable battery. There is some QSB, but with a 3 element monoband beam at 60 feet and an OHR-400 I exchanged 559 both ways with him from Southern California. It will be interesting to see if QSOs on 30m and 40m will also be made later. I plan to monitor 10.105 and 7.030 MHz + or -.

73, Harvey, N6MM.

Date: Tue, 25 Aug 1998 01:06:50 -0500 (CDT)
From: jdenison@morelr.com (JOEL DENISON)
To: qrp-1@Lehigh.EDU
Subject: [18351] W/R added thirty meters
Message-ID: <199808250606.BAA24185@ns1.morelr.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi gang:

well seems like keeping each side of each element no longer than 25ft with the rest just hanging or adding rope to make the element 25ft... seems to work... the ant looks reasonably straight and I have a forty meter 3 element yagi pointing towards the lower 47, two twenty meter three element yagis (one pointed sw and the other ne) and now a thirty meter three element yagi pointed ne...

ALL WIRE/ROPE CONSTRUCTION

I'm feeding the little rascal with 300ohm twin lead... two lead ins... one for forty and twenty (ants pointed to lower 47) And the other lead-in to the thirty and twenty meter antennas pointed ne...

Listened to thirty tonight around midnite to one thirty am local time and heard new zeland via long path... also heard a lot of europeans... didn't try and work anybody... just listened... lots of germans...

An't bad just using fifty by fifty feet of realestate... got the little rascals up about forty feet... now if I could just turn them!!!
God bless

joel, in maine, thinking of dixieland, and my old four element quad with the 509 WA5CVM

Joel Denison

PO BOX 542

Strong, Maine 04983

3-element Wire/Rope yagi for 40mtrs & 20mtrs

Gentle Lady R C sailplane

jdenison@morelr.com

Date: Mon, 24 Aug 1998 23:39:02 -0700
From: Monte Stark <ku7y@dri.edu>
To: pharden@aoc.nrao.edu
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18352] Re: One a prime/other Zombie stuff
Message-ID: <35E25C06.42A2BE66@dri.edu>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Paul Harden wrote:

>

> Also received emails from several wanting to wear dresses to kilts for
> the "YL multiplier." Jury is out on that one yet :-)

Man, and I already ordered my outfit from Frederick's.....

Zombie #????

: -)

--

73, Ron, KU7Y

NRA Life-----Ex W6JX0, DL4RF, N7CRV-----SOWP #5545-M
QRP ARCI #8829-----NorCal #330-----QRP-L #17-----ARS #49
AR QRP #150-----DM09cg-----New Washoe City, NV

Date: Tue, 25 Aug 1998 02:49:00 EDT
From: we6w@juno.com (Ed Loranger)
To: qrp-l@Lehigh.EDU
Subject: [18353] JE1ZDX activity.
Message-ID: <19980824.234710.10463.1.we6w@juno.com>

Hey gang, I forgot to mention I worked Eric at
0448Z to 0455Z. Eric is working off a battery
and doing great. One station after another.
Even heard N6XU trying it!

To Ron/KU7Y: Hey buddy, I tried to email my response to you on the last message but Juno locked up my computer and I lost all my folders. Tried re-importing them but was not getting anywhere. Stupid cacheing program thinks it doesn't need to write to the hard-drive until you exit Juno! !@# \$ Piece of mangled &7811^^%\$!\$ --- get the picture.

Sorry it took me a whole hour to respond OM.
See ya.

72, Ed WE6W QRP-Z#106 <http://www.qsl.net/we6w>
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Or call Juno at (800) 654-JUNO [654-5866]

Date: Mon, 24 Aug 1998 23:51:23 -0700
From: "Wil Claus" <wclaus@msn.com>
To: <QRP-L@Lehigh.EDU>
Subject: [18354] JE1ZDX aka Eric WA6HHQ on 20M
Message-ID: <001101bdcff4\$dc3877e0\$effc2599@default>

To All

Eric's CQ's were heard 459 here near Seattle at 10:15PM PDT tonight (Monday) and they became 579 by 11:15PM.

Didn't hear too many responding to Eric so am writing to remind all that he is on and to say that the K-2 sounds great. I'm sure he'll let us know his sked for tomorrow (Tuesday) so don't miss him!

Wil Claus, W7DL
Mercer Island, WA

Date: Tue, 25 Aug 1998 06:52:53 -0400
From: Allen Randy <Allen_Randy@prc.com>
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>
Subject: [18355] Index Labs QRP++ HELP
Message-ID: <5F36AD2D33ADD1118DB70060080CEC81AF094A@mc15.prc.com>
MIME-Version: 1.0
Content-Type: text/plain

Good Morning all,

I've just recently purchased a factory upgraded QRP++ (New QRP+ with ROM ver 4D) and Companion. It is quite a capable little rig and has re-ignited my interest in QRP (I operated my whole first year (1981) QRP on an HW-8).

I received only the original QRP+ Manual (not the QRP++ Manual) and therefore have no schematics or tuning procedure documentation. I'd gladly reimburse anyone for expenses to provide me with a copy of the documentation.

Also, I find that the Companion (Antenna tuner portion) must be bypassed 20 Meters and up as it absorbs all my RF. Anyone else notice this?

Any assistance would be greatly appreciated.

73/72, Randy Allen allen_randy@prc.com N4TVC

Date: Tue, 25 Aug 1998 07:18:22 EDT
From: Mercxx@aol.com
To: qrp-l@Lehigh.EDU
Subject: [18356] Thanks to all
Message-ID: <fe13d4da.35e29d7f@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Hi Gang,

First of all I want to thank everyone who has responded to my inquires and got me moving in QRP. K7GT and K0EVZ help me out with a couple of rigs to get this old soldier started. BY the way I have jumped (parachuted) them in and they both made it through the drop. I hope to make many QSOs soon. I have another question, I keep reading about the SMites, Pixies, Tixies and micronauts are they ultra small? Where can I read/obtain these guys and do they just operate in the milliwatt range? Thanks for the patient input (I am still learning).

73s
Steve
N4TKP
FIST 4922

Date: Tue, 25 Aug 1998 07:24:48 -0400
From: "elbc" <elbc@pivot.net>
To: <garymon@gte.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18357] Re: Aluminum Braid
Message-ID: <006101bdd01a\$f92328c0\$d71199d0@elbc>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

-----Original Message-----
From: Gary Montalbine <garymon@gte.net>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Date: Monday, August 24, 1998 11:28 PM
Subject: Aluminum Braid

>Hi all,
>
>I have lots of RG59 with aluminum braid. I have found that it is virtually
>impossible to solder the braid. The only solution I have come up with is to
put
>the braid in one end of a crimp connector and a copper wire in the other
end
>and, after crimping, load it up with solder. Does anyone have any other
>solution?
>
>73
>Gary, WA4SZI

Hi Gary,

I use both Rg59 and Rg 6 with aluminun braid, There are several way to make
conections.. the Crip style PL 259 works well, also f connectors it your
runing less than say 150 watts i've not had problems with it and you can buy
adaptors from f connector to pl 259. n connector or Bnc .. I alway put a
little dab of no-ox grease on the braid.. it help prvent corrossion in the

braid.. Good Luck..
73 , DAVE KC1DI

Date: Tue, 25 Aug 1998 07:32:30 -0400
From: mikemo@ibm.net
To: we6w@juno.com
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18358] Re: VCR's and QRP Rigs
Message-ID: <35E2A0CE.2D1E@ibm.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Ed Loranger wrote:

> Imagine what a QRP rig should be able to do, and
> at what price if such a consumer driven market
> existed!

Then imagine what 40 meters would sound like with 200,000,000 rigs on the air! Ahhhhhhhh! I theeenk we need a bigger band ;-)

72 de ku4qo, MIke Maiorana, Palm Harbor, FL

Date: Tue, 25 Aug 1998 05:02:54 PDT
From: "Craig LaBarge" <labarge@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [18359] PVC Pipe Dimensions - Thanks!
Message-ID: <19980825120254.21830.qmail@hotmail.com>
Content-Type: text/plain

Gang:

Thanks to the many folks who responded to my query regarding PVC pipe dimensions. NN6CW posted a useful URL with the inside and outside dimensions for both Schedule 40 and Schedule 80 pipe. For those who might have missed it:

http://pos.net/ref/pvc_pipe.htm

Thanks again.

73, Craig WB3GCK

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 25 Aug 1998 08:32:34 -0400
From: "Peter Orban" <peter@peter237.imti.nrc.ca>
To: qrp-1@Lehigh.EDU
Subject: [18360] BF961, BF244, BF246 data sheets
Message-ID: <9808250832.ZM25921@peter237.imti.nrc.ca>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii

I am looking for data sheets for the above FETs, preferably in pdf format.
I have not had much luck searching the net.

Thanks, Peter, VE3PEY

--
--
Peter E. Orban
National Research Council of Canada
e-mail: peter.orban@nrc.ca

Date: Tue, 25 Aug 1998 08:34:22 -0400
From: Scott Howell <whowell@hq.nasa.gov>
To: qrp-1@Lehigh.EDU
Subject: [18361] bnc connectors
Message-ID: <3.0.5.32.19980825083422.007d2630@mail.hq.nasa.gov>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

would someone be so kind as to send me a message off the list (unless the group has an interest) on how to solder a bnc connector?
I have a connector that has a pin, a ring thing, and the connector that goes on the rig. I know you have to solder the pin to the center conductor,

but beyond that, i'll need help<grin>.
tia es 72/73 n3byy

Date: Tue, 25 Aug 1998 08:42:48 -0400
From: "Fishman, Clark" <cfishman@pica.army.mil>
To: "'qrp-1@lehigh.edu'" <qrp-1@Lehigh.EDU>
Subject: [18362] Email address
Message-ID: <53EB67411602D211846900A0C9C7647A058C55@mail3.pica.army.mil>
MIME-Version: 1.0
Content-Type: text/plain

I am looking for Bill Carver W7AAZ E mail address

Clark Fishman WA2UNN cfishman@pica.army.mil

Date: Tue, 25 Aug 1998 06:01:25 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: Peter Orban <peter@peter237.imti.nrc.ca>
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18363] Re: BF961, BF244, BF246 data sheets
Message-ID: <Pine.BSI.3.96.980825055951.29002A-100000@usr07.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 25 Aug 1998, Peter Orban wrote:

> I am looking for data sheets for the above FETs, preferably in pdf format.
> I have not had much luck searching the net.
>
> Thanks, Peter, VE3PEY
>

Peter,

These are all Philips devices, however none are in the current data book. I can help you with a copy of the 2 pages for the BF246, but my archives do not go back far enough to include the other two.

,-----.
/ What's all this \
/ extinct stuff, anyhow? /
\ -----'

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY

Terry, KQ5U

Date: Tue, 25 Aug 1998 08:39:17 +0000
From: "Bryan Turner" <turnerw@email.uah.edu>
To: JMcKee@RFMD.com
Cc: qrp-1@Lehigh.EDU
Subject: [18365] MF thru HF general coverage receiver
Message-ID: <199808251340.IAA05645@uahis1.uah.edu>
MIME-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7BIT

The book "Passport to World Band Radio" has extensive reviews of general coverage receivers. This book is widely available in stores and from radio dealers. The review section is quite extensive, covering most receivers currently available, along with a few recently discontinued models.

The "World Radio TV Handbook" also has some reviews, but the section is usually skimpy. Also, reviews are only published in the year the receiver is released so you may have to hunt for back issues. (Additionally, the WRTH has really gone downhill. Among other things, they have shuffled information around in the book. To find information you may now have to look in several places to find a country's listings since they now put "domestic" and "international" broadcasts in different sections. Anyone know how they teach domestic radio waves not to cross borders?)

In the past Radio Netherlands published a booklet of receiver reviews. I don't know if this is still around. They may have this info on their web page.

73 Bryan W8LN Athens, AL - No quotes and a 1 line signature!

Date: Tue, 25 Aug 1998 10:03:15 -0400
From: "Vincent Ferme" <vferme@sprint.ca>
To: <turnerw@email.uah.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [18366] Re: MF thru HF general coverage receiver
Message-ID: <00fc01bdd031\$1b4259b0\$511105d1@frsswilap04284.callnetcanada.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gentlemen,

>>In the past Radio Netherlands published a booklet of receiver
>>reviews. I don't know if this is still around. They may have this
>>info on their web page.

The info is online, point your browser to www.rnw.nl and go to the real
radio section.

73 de Vince, VE3VFN.

Date: Tue, 25 Aug 1998 10:06:08 -0400
From: "Kevin F. Glynn" <kfglynn@prodigy.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [18367] Need DC Electronics' phone number and web site
Message-ID: <199808251410.KAA13532@pimout3-int.prodigy.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=ISO-8859-1
Content-Transfer-Encoding: 7bit

Hi gang,

Pls if you know DC Electronics' phone number and web site (if they have
one) let me know.

Thanks for info.

72 Kevin N2TO
Brooklyn, NYC
kfglynn@prodigy.net

Date: Tue, 25 Aug 1998 10:18:30 -0400 (EDT)
From: lujce@Lehigh.EDU
To: qrp-l@Lehigh.EDU
Subject: [18368] Administrivia - IMPORTANT
Message-ID: <199808251418.KAA257240@nss4.cc.Lehigh.EDU>
Content-Type: text

Gang,

Effective immediately, any e-mail sent to the list that includes attachments, i.e. MIME multi-part messages, will be discarded. Please ensure your mailer is set to send plain ASCII, single-part, text messages.

The intent is for QRP-L to adhere to a least common denominator e-mail model and therefore be readable by the greatest number of QRP'ers, as well as allay any fear of receiving a virus living in an e-mail attachment.

As always, thanks for your support.

73
Jim N3VXI

Date: Tue, 25 Aug 1998 15:31:47 +0100
From: Rogerio Gonzaga <gonzaga@med.up.pt>
To: qrp-l@Lehigh.EDU
Subject: [18369] =?iso-8859-1?Q?A_l'attention_des_Fran=E7ais_e_des_Belges?=
Message-ID: <3.0.5.32.19980825153147.0090b430@mail.med.up.pt>
Mime-Version: 1.0
Content-Type: text/plain; charset="iso-8859-1"
Content-Transfer-Encoding: quoted-printable

Alo les amis,

Je serais =E0 Paris, =E0 Nice et =E0 Bruges pour quelques jours en Septembre=
et,
comme d'habitude, toutes les informations sur les places o=F9 je pourrais
acheter du vieil mat=E9riel de radio (surtout des cl=E9s t=E9l=E9graphiques)=
sera
fort appreci=E9.

Comme cette liste est sur mon lieu de travail et je serais en vacances
depuis demain, je vous demande d'envoyer toutes les informations pour
l'adresse d'email chez moi:

rafg@esoterica.pt

Merci bien et toutes mes amiti=E9s.

To all the rest of the gang, please enjoy some very happy hollidays. By the way, by professional reasons, I hope to be in the UK next December and in Southern California next January (San Diego and hopefully Los Angeles).

Best 72 de Roger, CT1ETT

Date: 25 Aug 1998 10:46:23 -0400
From: Glen Leinweber <leinwebe@mcmail.cis.McMaster.CA>
To: qrp-l;;
Subject: [18370] WX-concerned East Coasters
Message-ID: <1998Aug25.104623-0400@[130.113.234.7]>

Apologize for not-quite-QRP topic...
(but NOAA 15 satellite IS about 5W)

Have just added a satellite shot taken this morning
of the east coast, including Bonnie at:
<http://epic.mcmaster.ca/~glen>

shows what you can do with a simple 1/4 wave whip
mounted in the attic. QRP to southern Florida
from Canada at VHF ain't too bad ;-)

Date: Tue, 25 Aug 1998 07:47:24 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Kevin F. Glynn" <kfglynn@prodigy.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18371] Re: Need DC Electronics' phone number and web site
Message-ID: <Pine.BSI.3.96.980825074623.6973C-100000@usr06.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 25 Aug 1998, Kevin F. Glynn wrote:

> Hi gang,
>
> Pls if you know DC Electronics' phone number and web site (if they have
> one) let me know.
>

That number again is: (800) 467-7736

Our operators are standing by to take your \$\$\$.

```

      /-----\
      /  What's all this  \
      / extinct stuff, anyhow? \
      \-----/
    _ | /
oo\  /
(--) \
     \  . ' - '
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     \  | | | | \ '
     \  c__; c__; ' -.. ' > .__

```

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Technical Editor,
QRP Quarterly
QRP ARCI 9464

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Graphics by Loek Frederiks

Date: Tue, 25 Aug 1998 07:48:06 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "Kevin F. Glynn" <kfglynn@prodigy.net>
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [18372] Re: Need DC Electronics' phone number and web site
Message-ID: <Pine.BSI.3.96.980825074738.6973D-1000000@usr06.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Tue, 25 Aug 1998, Kevin F. Glynn wrote:

```

> Hi gang,
>
> Pls if you know DC Electronics' phone number and web site (if they have
> one) let me know.
>
> Thanks for info.
>

```

Ooops! The Web site is: www.dckits.com

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services
P.O. Box 25240
Tempe, Arizona 85285-5240

Email: ctrask@primenet.com
<http://www.primenet.com/~ctrask>

Serge - VA3SB

Date: Tue, 25 Aug 1998 11:09:53 -0400
From: "Ken & Linda Burrough" <ne0c@1st.net>
To: "QRP-L" <qrp-l@Lehigh.EDU>
Subject: [18374] BNC Connectors
Message-ID: <000b01bdd03a\$853eae00\$d106f0d1@ne0c.1st.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

On Tuesday 25 Aug Scott Howell asked for info on soldering BNC Connectors. Scott both of my ARRL Antenna Books, 1960 and 1994 have a very good section on installing coax connectors. If you don't have this book, I will try to copy it on my flat bed scanner and attach it to a message off the list. Good Luck.

Ken/ne0c Flushing, Ohio

Date: Tue, 25 Aug 1998 11:25:39 -0400
From: "Gene Hall" <evhall@ix.netcom.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Cc: <wa4hhp@amsat.org>
Subject: [18375] Ceramic Tuning Tools
Message-ID: <002c01bdd03c\$9f8ee840\$50abbacd@#evhall>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

For those of the list that joined in on the group purchase of the ceramic tuning tools, so far they have not arrived from the manufacturer.

If I don't get them in the next couple of days I will be following up with them and will let you know what they say.

When they arrive I'll get them on the way to you the next day.

72.....Gene

Date: Tue, 25 Aug 1998 10:28:37 -0500
From: "Freeberg, Scott (STP)" <scott.freeberg@guidant.com>
To: "'QRP-L'" <qrp-l@Lehigh.EDU>
Subject: [18376] Tube Qrp
Message-ID: <21B46CBD022AD1118F0500805F15A068A80294@STPMSX05.stp.guidant.com>
MIME-Version: 1.0
Content-Type: text/plain

I am currently running tube qrp equipment and having a ball. I have an Ameco AC-1 transmitter and a Conar 400 transmitter running on 7040. The AC-1 was running just under 5 watts out, the Conar 400, oops QRO 10 watts out. While the contacts are far and few between, they are sweet contacts. Half the fun of the contact is using and looking at this classic equipment, the other half of the fun is talking you.

For receive I am using a Collins 75A4. I am running qsk. I have a separate transmit and receive antenna, and just leave the receiver enabled. I need to come up with an antenna relay though as I am using a dipole for transmit and a Cushcraft R5 for receive.

Someone asked about Vintage Radio, a maker of a tube qrp equipment. They make a tube transmitter kit, tube receiver kit, and a tube transceiver kit. You can get them as kits or built I believe. They also have qrp antenna tuners. Here is the URL:
<http://www.mnsinc.com/bry/vintage.htm>

Mz. Santa brought me their two tube regen receiver kit for Xmas. It was a pleasure to build a tube kit. The parts were all new and high quality. Personally I would not hesitate to order more from them. I was thinking of ordering their transmitter. From a satisfied customer. Tell them I sent you.

By the way, I am looking to buy a Micamold XTR-1 three tube transmitter from the 50's. Do you have one available? Also looking for a WRL CW-7 novice transmitter and Walter Ashe Novice cw transmitter. All these are peanut whistle tube qrp transmitters. What do you have?

73,

Scott WA9WFA in Saint Paul Minn
ARCI#7299, Norcal #807 or 809, ARRL-LM

Date: Tue, 25 Aug 1998 16:22:41 +0000
From: Hank Kohl K8DD <k8dd@contesting.com>

To: qrp-l@Lehigh.EDU
Subject: [18377] MI QRP Club Labor Day Sprint is on Labor Day!
Message-ID: <3.0.5.32.19980825162241.009fc100@192.0.0.1>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

MICHIGAN QRP CLUB
Contest and Sprint Rules
1998 contest dates are:
Labor Day CW Sprint: 2300Z 09/07/98 to 0300Z 09/08/98.
Labor Day CW Sprint: 2300Z 09/07/98 to 0300Z 09/08/98.

The rest of the rules can be found on:

<http://www.tir.com/~k8dd/rules97.htm>

Please don't take the name "rules97.htm" to mean rules for 1997. It really means rules for 1998, I just have trouble typing!

For those without web access, let me know and I can email a complete copy of the rules.

73 Hank K8DD

*/ Hank Kohl K8DD k8dd@contesting.com
*/ ARRL TS <http://www.tir.com/~k8dd>
*/ MI-QRP - Vice Pres. QRP-ARCI - Director
*/ G-QRP ARRL/LM QCWA/LM QCAO/LM

Date: Tue, 25 Aug 1998 13:08:08 -0400 (EDT)
From: Bob Patten <n4bp@bc.seflin.org>
To: QRP-L Reflector <qrp-l@Lehigh.EDU>
Subject: [18378] N4BP CQC Party
Message-ID: <Pine.3.89.9808251349.A7965-0100000@bc.seflin.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII
Content-Transfer-Encoding: QUOTED-PRINTABLE

CQC QSO PARTY

=20

=20

Date: Tue, 25 Aug 1998 17:09:56 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18379] Contesting QRP Style -- Suggestions?
Message-ID: <35E2EFE4.4199@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Fellow QRP'ers. It seems it is never too late to learn something new. I was pleased Allan/K7GT posted his happy surprize on how small the SST rig is that he received.

I've also thought my contesting methods were OK, but since I haven't worked with other ops, maybe I can pick up some additional suggestions from the group. Or maybe something that I do could be useful to others?

Here's how I prepare for working contests.

Equipment:

If portable, I set up everything in the back yard, make a QSO, then box everything up -- never visiting the garage again. I am sure everything I need is ready using this method.

Logging/Operating:

I sit down with the hardcopy of the rules. At the very top of the paper I write the exchange that I will send:
RST CA Ed 5Watts
I add the date/times at the top too. Also the call of any bonus stations and any points associated to them.

Finally, I look at how the submitted log shall look and put a sample entry at the top of the paper too.

For QRP sprints of 8 hours or less, I use 4x5 index cards to organize entries. I place the contest name/date/times and MY DEFAULT EXCHANGE at the top.

Here's a typical 4x5 card: (Fictional Log)

```

+-----+
|7040,7141,14060  RST CA D 5W      Simp.Ant. Nite/Date|
|                                01-03Z                |
+-----+
|40 | <==(Started on 40 Meters)
|Time  Call  Rcvd      Sent
|0102   W6JDB/7  579 OR D 3W  589
|0142   KB7MBI    559 WA SLV 5W 599
|20M | <==)Now on 20 Meters)
|0155   KF6PYP   599 CA D 2W  599
|40N | <==40 Meter Novice band.
|0203   N6KIX    589 CA D 5W  599 (Ragchew)

```

etc...

I use the left half of the card, then add a vertical line separating the right half and get about 28 Qso's (14/half) before needing to turn the card over. 56 Qso's fit on one 4x5 card.

Usually when I change bands I don't waste a line for 40/20 etc1 band annotation, I just put a line under the last qso and print the next band on the card in the allotted space.

I sent with my Left hand working the bug, and my right hand for writing. For field day when DUPES become a factor, I use a dupe sheet for each band and have it on a typing stand (with magnet and rubber band).

Tally and submission of log:

I review where to email the log and required format to be sure.

States/Province/Country mult:

The following works great for 4 bands.

List all States/countries etc in alphabetical order, (Most Dupe sheets have the list at the bottom).

I place a DOT to the Left/upper/right/lower of the state on the dupe sheet thereby indicating working that state on 40/20/15/10 meters. I usually draw up a legend at the corner of the sheet to remind me where the dot goes for each band.

Here's a 1000 Word drawing: (Use fixed width font, please)

20
40 SPC 15
10

So if I worked California on 40 and 15 meters, the paper
would be annotated thusly:

* CA *

Idaho on 40/10 meters ==> * ID
*

MN on 4 bands:

*
* MN *
*

You can see at a glance what's goin' on! And if the contest
is goin' slow, I might fill some of this in during the contest
in case I see another State multiplier I need help with.

Names: Write out the alphabet and Cross off the letters, then count
the number crossed off.

Anyone have any other ideas? (Yes, I know about computers...)
-Ed

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397

Date: Tue, 25 Aug 98 12:43:42 CDT
From: QLF@mimi@magic.itg.ti.com
To: qrp-l@Lehigh.EDU
Subject: [18380] re: MFJ-249 AS A SIGNAL SOURCE
Message-ID: <9808251743.AA00410@itg.ti.com>

From: Brad Bradfield QLF

Subj: re: MFJ-249 AS A SIGNAL SOURCE

In response to Dave's (dave@cdsl.net) earlier query on using an MFJ antenna analyzer as a shack signal source, yes, I do it all the time. It's handy and does a good job if you understand it's limitations:

- 1) It's not particularly stable, and in fact, in it's originally intended usage, it doesn't need to be perfectly stable.
- 2) It's not real clean, and has quite a bit of digital hash on it. If you've ever listened to the output on a receiver, you'll know what I'm talking about. You can clean this hash up with a low pass filter, and it will end up pretty clean.

You could easily build low pass filters for the ham bands of interest, and simply attach them as needed.

Oh, well.

72's es 73's,

Brad, WB0CGH

QRP-L # 377

ARS # 72

Austin QRP Club # e

Date: Tue, 25 Aug 1998 10:47:01 PDT
From: "laura halliday" <marsgal42@hotmail.com>
To: qrp-l@Lehigh.EDU
Subject: [18381] re: WX-concerned East Coasters
Message-ID: <19980825174701.6410.qmail@hotmail.com>
Content-Type: text/plain

Glen Leinweber (leinwebe@mcmail.cis.McMaster.CA) wrote about Hurricane Bonnie...

If you'd like to see pictures of somewhat more benign weather (but awfully hot - 40+ degrees in the B.C. interior that afternoon), have a look at one of my latest, on

<http://mypage.direct.ca/v/ve7ldh/wxsat.html>

This will vanish at the end of the month (you have been warned...), but until then, this is pretty good data transmission for 5 watts (satellites have very strict power budgets), a Radio Shack scanner and some bits of

wire, and a door-stop 486 computer.

Laura Halliday VE7LDH "Que les nuages soient notre
Grid now: CN88hk pied a terre..."
Soon: FN03gs - Hospital/Shafte

Get Your Private, Free Email at <http://www.hotmail.com>

Date: Tue, 25 Aug 98 13:55:10 EDT
From: jeverhar@cse.l-3com.com
To: qrp-1@Lehigh.EDU
Subject: [18382] re: MFJ-249 AS A SIGNAL SOURCE
Message-ID: <9808251755.AA08994@train11.cse.l-3com.com>

Gang,

Kind of along the lines of this thread I had an article in the QRP Quarterly a couple of years ago describing how to use the MFJ Analyzer as a tester for QRP xcvrs. It was a simple setup using the tunable oscillator and built-in freq counter to accurately measure the transmit/receive offset which is often difficult in homebrew rigs.

I don't have the info available here at work but if anyone wants the reference jsut send an e-mail to my home account

n2cx@voicenet.com

and I will endeavor to look it up this evening.

72/73,

Joe E., N2CX

Date: Tue, 25 Aug 1998 13:28:17
From: Roger Braker <msebrakr@telepath.com>
To: qrp-1@Lehigh.EDU
Subject: [18383] 50 mhz transistors
Message-ID: <3.0.5.16.19980825132817.575710b4@telepath.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

Hi Guys,

I am in the process of gathereing parts for my 6 meter rig. But now I have a problem:-) I am needing know if I can use a 2n2222 for a driver at 50 mhz. If not, what would be a good transistor that is'n to expensive and is comonley availibel. Also, what kind of transistor could I use to get about 3 or 4 watts out at 50 mhz? Dan's has 2sc799 on sale, but they aren't listed in the arrl handbook, NTE doesn't have data sheets on the cross reference, and I don't know where else to check:-) Will they work? Any help would or comments would be greatly appriciated.

73,

Arnold kd5kch

Date: Tue, 25 Aug 1998 11:19:53 -0700 (MST)
From: Chris Trask <ctrask@primenet.com>
To: "James R. Sapp" <James.R.Sapp@jci.com>, Bob Nelson <anthology@juno.com>, Sharon Skinner <tavara@juno.com>, "Joan O. Handrich" <joanolive@juno.com>, Julia Ann <juliaann@cruzio.com>, Jerry Nelson <peakbagger2@juno.com>, Dick Clark <r_clark@xemod.com>, Gregg Hollingsworth <gregg_h@xemod.com>, Subject: [18384] Now This Is Funny!
Message-ID: <Pine.BSI.3.96.980825111126.3876A-1000000@usr08.primenet.com>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

I just read some notes about a book for sale, and the reviewer happened to notice that the author lives in Chico, California, which prompted him to remember a quote from Herb Caen, a well-known (now deceased) columnist for the San Francisco Chronicle. Having read Herb Caen for years and enjoying virtually everything he wrote, I know first-hand that he was a master of understatement and was very satirical. Here it is:

"Chico is the place where you find Velveeta
in the gourmet section of the supermarket."
- Herb Caen

/-----
 / What's all this \
 / extinct stuff, anyhow? /
 \-----'
 _ |/
oo\

Circuit Design for the
RF Impaired

Chris Trask / N7ZWY
Principal Engineer
ATG Design Services

I'm working on sticking a digital display to this radio... i'll post a how-to when i'm done.

And, by the way, thanks to all who responded to my question regarding the 9406... i accidentally lost some mail when trying to fix the server here :)

72.5, chris aa9hd

chris cieslak AA9HD * ccieslak@uiuc.edu * www.chriscieslak.com
senior, advertising, university of illinois
network administration minion, college of law
"It was only a couple of flipper babies!" --Scott Thompson

-----Original Message-----

From: Steve Yates, AA5TB [mailto:aa5tb@swbell.net]
Sent: Sunday, August 23, 1998 11:30 PM
To: Low Power Amateur Radio Discussion
Subject: Re: MFJ 9406 - comments?

John,
I've had one since early June and have had a ball with it. It has a hot receiver, good audio punch on transmit (I don't have the CW adapter yet), and it has little frequency drift. It's a great rig for the price class. If I had to come up with some complaints they would be that it is somewhat difficult to determine your frequency, especially when you're looking for the calling frequencies and the SO-239 connector for the antenna on mine is of cheap quality and my PL-259s won't screw onto it very easily. This rig is a good candidate for a 25 KHz calibrator. Overall, it is a good, solid little rig and I've worked a lot of stations with it just using a portable dipole antenna strung between the trees.

John Harper AA5YX/2 wrote:

>
> I would appreciate hearing any user reports/opinions from anyone who's
> used this 6-meter SSB rig. Thanks,

Steve Yates
AA5TB
aa5tb@swbell.net
<http://home.swbell.net/aa5tb/>
Fort Worth, Texas

Date: Tue, 25 Aug 1998 19:22:24 GMT
From: nhoop@centuryinter.net (N H)

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [18387] Re: Administrivia - IMPORTANT
Message-ID: <35ea0e45.23129387@mail.ot.centuryinter.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

>

> Effective immediately, any e-mail sent to the list that includes
> attachments, i.e. MIME multi-part messages, will be discarded. Please
> ensure your mailer is set to send plain ASCII, single-part, text messages.

Thank you! Thank you! Thank you! Thank you! Thank you! Etc.....

72 Nat KM5QU
Oxford AR
QRP-L #1665

Date: Tue, 25 Aug 1998 13:18:18 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [18388] BUBBA Sprint: NQ7RP Fox Hunt
Message-ID: <199808252018.NAA09428@usr04.primenet.com>

Howdy Folks,

More "blind" email from the Data Mines of Despair....

AZ ScQRPion Brian (W5VB0) will be operating NQ7RP during the BUBBA Summer QRP Sprint this Sunday. Why should you care? Well, for every band you work him on you get to add 10,000 pts to your final score. Brian's got a good signal into most of North America, so finding him should be easy. Talking him into following you onto another band may be trickier.... ;-)

Also, don't forget the new category we added: "Coldest Outdoor BUBBA". Those of you who are "thermally challenged" now have a good chance to walk away a winner too. :-)

For full BUBBA info, please see ScQRPion Bob (KI7MN)'s website at <www.dancris.com/~ki7mn> or if you lack web

access, post a request to QRP-L and I'll get wind of it through my clandestine network of marmot agents.

Hope you can join in the fun! If not, hope you have fun with whatever you end up doing!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 25 Aug 1998 13:34:47 -0700 (MST)
From: Joe Gervais <vole@primenet.com>
To: qrp-l@Lehigh.EDU
Subject: [18389] BUBBA Sprint: Everyone's a BUBBA!
Message-ID: <199808252034.NAA10268@usr04.primenet.com>

Howdy again Folks,

I've been asked if you have to be a designated BUBBA to join in the fun. Heck no! If you put your QRP signal on the air for the Sprint, you ARE a BUBBA!

So the answer is no. You don't have to do anything special to be a BUBBA. Just radiate and smile, that's about it. Maybe even keep a log. *8-)

Heck, it's either the BUBBA QRP Sprint or mow the lawn. And bermuda grass doesn't QSL....

See ya Sunday!

Cheers de AB7TT,

-Joe, vole@primenet.com, AZ ScQRPions (Phoenix)

"If it ain't fun, you ain't doin' it right!" -The AZ ScQRPions

Date: Tue, 25 Aug 1998 15:05:20 -0600
From: Dick Schneider <rschneid@ix.netcom.com>

To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18390] Re: Copying Code.
Message-ID: <35E32710.5C11ABB5@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not until you (or any other "I can copy in my head" ops) can post some tips on how to do this. Start listening to slower code, then move up? Listen to the speedy stuff. Chant? How??

72 Dick AB0CD..

Ed Loranger wrote:

> Head copy is neat. I hope some of ya new
> guys find this post motivating enough to toss the pencil.
> (But not too far -- still gotta work the logbook.)
>

Date: Tue, 25 Aug 1998 15:21:43 -0600
From: Dick Schneider <rschneid@ix.netcom.com>
To: qrp-1 <qrp-1@Lehigh.EDU>
Subject: [18391] "That's 30"
Message-ID: <35E32AE7.3D63EE2D@ix.netcom.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Not sure if the subject is settled, but the number "30" indicates the end of the news story, originating back in the telegraph days to indicate the end of an item being sent over the wire. Worked later for wire services, teletypes and tickertapes, and has hung on in the news industry. I always wrote "-30-" at the end of anything I wrote for the wire or the newspaper. A Denver newscaster, Carl Akers, used to end his personal commentary with "That's 30." Became his trademark.

The telegraph, and the potential cutting thereof, lead to the development of the inverted pyramid style of writing -- jamming all key facts into first graf -- to get as much out before the wire was cut -- during the Civil War, I believe.

72 Dick AB0CD
United Press International 69-71
Rocky Mountain News 71-77

-30-

Date: Tue, 25 Aug 1998 15:31:40 -0600
From: "Hulbert, Nick" <nick.hulbert@lmco.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [18392] XTALS WANTED!!
Message-ID: <5104C9F8B0B5D1118C250000F8062537BC1091@emss02m13.ems.lmco.com>
Content-return: allowed
MIME-version: 1.0
Content-type: text/plain; charset="iso-8859-1"

I have a GALAXY six channel receiver (2-18 Mhz) that I would like to use for monitoring popular QRP calling frequencies or WWV. I found a few xtals in my junk box that come close but not good enough. I'm looking for the following frequencies. The xtal scheme is the frequency of interest plus 1.65 Mhz.

72, Nick KG5N

4.15 Mhz
8.69 Mhz
15.71 Mhz
11.165 Mhz
11.765 Mhz

Date: Tue, 25 Aug 1998 22:13:33 +0100
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-1@Lehigh.EDU
Subject: [18393] Re: Yet another box for QRP projects
Message-ID: <w4u\$yAA9jy41EwoE@stevef.demon.co.uk>
MIME-Version: 1.0

In article <199808211327.IAA21636@uahis1.uah.edu>, Bryan Turner

<turnerw@email.uah.edu> writes

>

>Lately, a Lionel train wrist watch has been showing up at lots of
>stores and in catalogs. (They've been spotted in Wal Marts and K
>Marts, so they shouldn't be hard to find.) The watch comes in a metal
>case, about 2" x 6 " x 3/4". A reproduction of an old Lionel ad is
>printed on the top half of the case, showing a boy beaming with
>delight while watching a fleet of new Lionel locomotives. You can
>find these watches for under \$20.

>

>The watch is kind of neat, too. (But for \$20 you're not getting a
>Rolex, so buyer beware.)

>

>73 Bryan W8LN

>

I would love to get one of these for my Nephew. Would anyone be able to
get me one and I'll send the dough.

BTW I have an old Lionel Train set which my dad bought second hand in
about 1955. I wonder if someone could put me in contact with an
authority on them. It will need restoring and has been in my parents
loft for years. If I remember rightly we have track, a controller, a
loco and several freight cars. The whole thing is huge, no wonder we did
not play with it much.

Sorry for the off NG topic stuff.

BTW I am off on my holidays tomorrow and will not be back on the net
until 15 Sept.

73 de

--

Stephen John Farthing MBCS GOXAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Tue, 25 Aug 1998 22:27:16 +0100
From: Stephen John Farthing <stephen@stevef.demon.co.uk>
To: qrp-1@Lehigh.EDU
Subject: [18394] European NORCAL Rep not on internet until 14 Sept.
Message-ID: <ioM7WEA0wy41EwK0@stevef.demon.co.uk>
MIME-Version: 1.0

Hi gang,

I am off to the Isle of Man to play motorcycles for a week

followed by some time with my parents in Norfolk. Back on the Internet and available for NORCAL business from 15 Sept onwards.

73 de

PS for any Euro QRP VHFers around I intend to take part in the RSGB 2 metre Backpackers contest from GD on Sunday week. I'll be using an FT290 barefoot, with my 10 Meter Mast, purchased from the germanic gentleman with the alpine hat, together with the matching 4 ele log periodic ant. Any contacts greatfully received. Now if I work the states I might stand a chance of winning....(dream on). I am told that Israel was worked last year with 2.5 Watts from the top of a welsh mountain.

--

Stephen John Farthing MBCS G0XAR
Melksham, Wiltshire UK
RSGB G-QRP 7766

Date: Tue, 25 Aug 1998 21:35:56 +0000
From: Ed Loranger <we6w@qsl.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Cc: rschneid@ix.netcom.com
Subject: [18395] Re: Copying Code.
Message-ID: <35E32E3C.1F56@qsl.net>
Mime-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Good Move, Dick. I've been responding to these questions personally, thanks for making me come out of the bushes...

Here's what I've been sharing and suggesting.

P.S. I'm no expert. I struggle at 40 WPM but give it a try...

<html> !!!Just kidding!!!
:) :)

----- Begin Pasted message -----

Message#1:

First. If you have a general coverage portable receiver. Take it

with you throughout the house: toilet, shower, night stand while reading etc.

Try to set up an environment where you hear the code while doing something else. You know, like watching TV and yet you hear your name called by a family member. You recognize your name and most of what was said, yet you ALSO caught the punch line on the TV show!

I recommend you first get a confidence boost by just listening to QSO's as you work in the garage or read a book or just close your eyes for a 10 minute rest in bed while the radio plays on.

And instead of tuning your STEREO to an FM music station, turn on the Gen. Coverage portable instead.

Let the code pass thru you. Don't try to catch letters. Just listen. Try to figure out what was sent using the head-copy that you did catch. If you miss a word, don't panic. I have found that the rest of sentences give you a clue to that word you missed anyway.

Kind of like watching the vending machine spin different yogurts to the access window -- if you miss that Banana yogurt, you know there is another one 3 or 4 slots down with all the taste the first one had. (OK, goofy analogy, but I'm a little hungry right now.)

Give it a listen. Then after a week or two promise yourself you will only right down critical QSO info -- And directly into your logbook, not on scratch paper. Call/RST/NAME,rig,antenna,pwr/QTH etc. Before you know it, your scratch paper has very small parts of 15 or more QSO's on each side!

Go get'em tiger.

Message #2:

I will add that you should also plan on sitting at your main rig at least an hour straight each day. I still do. And usually more.

Just let the code pass 'thru' you. You will here the pattern of words like "When" and "then" after a while and the trick is not to get caught up on each letter. If a letter confuses you, just forget it and keep listening and

you will hear the rest of the word -- and you'll know what you missed anyway...

It also pays to have qso's without a pencil nearby. That's how I got started. I heard a buddy on the radio and just had to say hello, but first I had to look for the pencil!! Didn't find the pencil so called back anyway! It worked and I had to concentrate more but got all the words. If you get on the air often enough, you'll soon have regular QSO's with fellow operators and have this happen to you also.

More information? Try:

<http://www.qth.com/ka9fox/op-techniques.shtml>

Best to all. dit dit.

--

72, Ed WE6W (CW only/VP-0); <http://www.qsl.net/we6w> Santa Rosa, CA
QRP-Z#106 QRP-L#1068 AR#112 NC#2227 ARCI#9397

Date: Tue, 25 Aug 1998 14:59:41 -0800
From: "Russ Carpenter" <russ@natworld.com>
To: "QRP-L List" <qrp-l@lehigh.edu>
Subject: [18396] We'll See You on The Top of the World!
Message-ID: <199808252153.0AA00277@guppy.pond.net>
Mime-version: 1.0
Content-type: text/plain; charset="US-ASCII"
Content-transfer-encoding: 7bit

Adventure Radio Society has altered its contest schedule. Originally, we had planned to launch an HF event called "The Power of One" in September. However, we've decided that the QRP Community is already blessed with plenty of interesting HF events. So, we're going to sponsor the Fall version of "Top of the World," a uniquely intriguing way to use that VHF radio that's gathering dust.

Wes Hayward, W7ZOI, and I are planning to climb Mt. Scott, a 9,000 foot high peak that's part of the Crater Lake caldera. We're expecting to operate 2 meter SSB, CW and FM, and we're fired up! ARS encourages you to throw caution to the winds and do something outrageous. You, too, could become the cover story for The ARS Sojourner.

Here are the rules (which may also be found at The ARS Sojourner, <http://www.natworld.com/ars>).

This event is linked to the September ARRL VHF QSO Party. You may operate the entire ARRL event and designate any period of four contiguous hours for Top of the World. Or you may limit your operation to any four contiguous hour period of your choice. In either case, follow the rules of the ARRL event.

Operations will comply with the definition of "QRP" in the ARRL rules (CW, SSB or FM, 10 watts output or less).

All participants in Top of The World will reach their sites by "human power"--that is, they will walk, bike or boat to their sites. The distance traveled to the site is at the participant's discretion.

Participants are strongly encouraged to use our automated contest reporting system, which is found in The ARS Sojourner. Participants may also email their logs to the Contest Manager. In both cases, there is a one-week deadline. Results are posted two weeks after the event in The ARS Sojourner, the QRP-L Internet Group, and by direct email to ARS members.

We're dumping the paper log option, because almost no one uses it (thank heavens!).

If you choose to use email, please include at least the following:

Your full name and callsign;

The location of your operating site and the human-powered method of reaching it;

Date of the event and hours operated;

QSO points for 144, 222 and 432 MHz contacts, as determined by the ARRL rules, and

Total number of different grid squares worked per band.

See you on The Top of the World!

Russ Carpenter, AA7QU
Contest Manager
russ@natworld.com

Date: Tue, 25 Aug 1998 17:56:06 -0400 (EDT)

From: Ronald Hands <rhands@hwcen.org>
To: QRP List <qrp-l@Lehigh.EDU>
Subject: [18397] Re: Copying Code.
Message-ID: <Pine.GS0.3.96.980825174754.4973B-100000@james.hwcen.org>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

Nobody seems to have mentioned my patented method:

Buy or make a 25 or 50-foot extension cord for your headphones. This should be just long enough to reach from your receiver to the nearest couch.

Tune in a CW station that's faster than you normally copy. Walk to the couch and assume horizontal position. You'll find the code flows into your ears much more readily when you're horizontal.

Honest.

Soon you'll be copying 40 wpm and you'll also be very, very relaxed...

-- Ron VE3SP
Hamilton, Ontario

Date: Tue, 25 Aug 1998 17:07:14 -0500
From: "Randy Jouett" <nop@swbell.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [18398] Re: Infrared Key
Message-ID: <003d01bdd074\$b8625e00\$210aa8c0@aldebran>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

>Was thinking about using I R Detectors for
>the contacts in a paddle or whatever and get away from the troublesome
>mechanical contacts. Has someone already done this?

Hmmm. Should work! You got me thinking about something, Dave. How about key contacts via Radio Shack proximity detectors. Could work? Anyone out there try this?

Randy AB5NI

nop@swbell.net

Date: Tue, 25 Aug 1998 18:07:52 -0400 (EDT)
From: Bruce Muscolino <w6toy@erols.com>
To: rschneid@ix.netcom.com
Cc: QRP-L@Lehigh.EDU
Subject: [18399] Re: Copying Code.
Message-ID: <2.2.16.19980825175903.37c7bbb2@pop.erols.com>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"

>
>Not until you (or any other "I can copy in my head" ops) can post some
>
There seem to be some myths about copying in your head. While there are exceptions to this, most operators tha I know copy in their head like this: listen to what the other station is sending, when he sends something you should write down, write it down, then keep listening. It is a little like passing one of the modern code tests -- anything you should know follows "IS", name, qth, etc.

It does not matter what speed you copy it at, but it should be one you can copy! If you can't copy 25 wpm reliably, just listening to it isn't going to improve your ability much. The real downside of copying in your head is that you loose the ability to put it on paper if you have to.

Oh, yes, I once knew a blind ham out in California. Charlie could copy 20 wpm in his head for 5 minutes and regurgitate it aftetrwards. Some talent, but made necessary by his handicap. Last I heard he was running a code learning school!

73

Date: Tue, 25 Aug 1998 17:28:57 -0500 (CDT)
From: ac5ez@webtv.net (Larry B)
To: qrp-l@Lehigh.EDU
Subject: [18400] Fcc forms
Message-ID: <5741-35E33AA9-283@mailtod-122.bryant.webtv.net>

Content-Type: Text/Plain; Charset=US-ASCII
Content-Transfer-Encoding: 7Bit
MIME-Version: 1.0 (WebTV)

Thanks to all for the tips, phone numbers etc in regards to fcc forms.
Ac5ez

Date: Tue, 25 Aug 1998 18:42:31 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18401] RE The XXX.s
Message-ID: <3c066aa8.35e33dd8@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Ho hummmm
Well another very exciting day.
Well let's see Oh Ummm wb2vuo also seem to be bothered by the *X* I put in the
subject title bar.
Maybe there's a ISP reflector for you guys?
With AOL,you have to put something in that space.
It's not my fault.
Maybe you should go see a movie called *X*
I made it! Don't forget to take N4SO with you.
I wish you guy just leave me alone and see the *X* Doctor
XX
Bob
WA2HOQ The *X* ZOMBIE
XX
X time for me to X it from here now

Date: Tue, 25 Aug 1998 18:47:06 EDT
From: RangerSF5@aol.com
To: qrp-1@Lehigh.EDU
Subject: [18402] Re 20 Meters
Message-ID: <ba3a989b.35e33eeb@aol.com>
Mime-Version: 1.0
Content-type: text/plain; charset=US-ASCII
Content-transfer-encoding: 7bit

Gang,
20 is up and down but while writing an *X* letter I had a nice QSO with DF4WQ
on
14.030.4 running 3 watts from the ARK-20
He was running 1,000 watts.
I got a 559 and thats not bad considering band conditions are unstable.
Bob
WA2HQQ

Date: Tue, 25 Aug 1998 15:53:51 -0700
From: Allan Taylor K7GT <k7gt@qsl.net>
To: qrp-l@Lehigh.EDU
Subject: [18403] Tick keyer into SST
Message-ID: <35E3407F.5185@qsl.net>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

For compatibility reasons, I have decided to put a Tick keyer (likely the SuperTick Tick-3) in the SST. While it looks fairly straightforward, I would like to hear from anyone who has done that. Exactly how did the keyer audio interface with the SST audio. Planning on 3V battery inside to power the keyer, so no need for a 5V regulator from rig power.

Having not heard from anyone re a power mod for the SST, I will presume to try one of my MRF237s in it instead of the 2N3553 and see if I can get it up to 4W under full throttle.

Have a 2nd op (N6RY, Terry) for the Sept 18,19 Yosemite QRPxpedition to Grid squ DM07, Hayden Lake (elev ~7700') overlooking the Tuolumne River canyon. Should give us a great shot at EU on 20m. Can't wait!

--
73 de K7GT
Allan Taylor (a.k.a. Grant) Pleasanton CA
email: k7gt@qsl.net
web page: <http://www.qsl.net/k7gt/index.html>

End of QRP-L Digest 1194

